

FIG. 2A

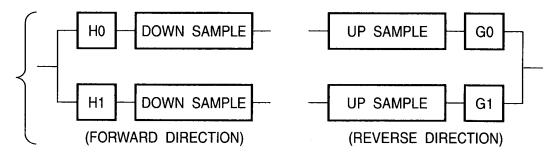


FIG. 2B

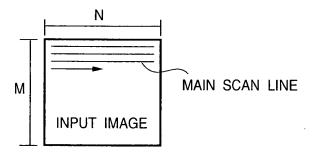


FIG. 2C VERTICAL FILTERING

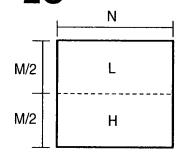
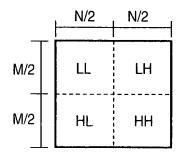
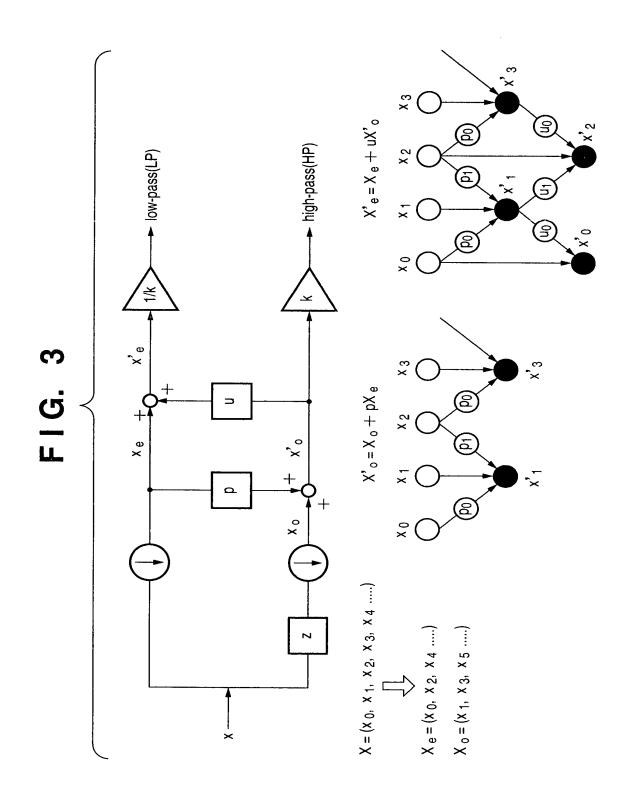
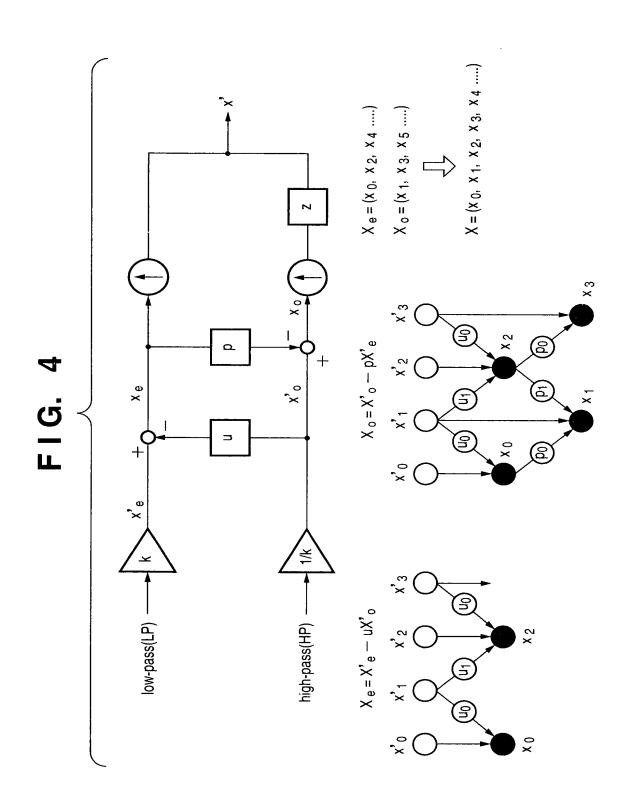


FIG. 2D HORIZONTAL FILTERING







Filter	Filter coefficients	
	FORWARD DIRECTION	REVERSE DIRECTION
5×3 filter	H0 = [-1, 2, 6, 2, -1]/8 H1 = [-1, 2, -1]/2	G0 = [1, 2, 1] /2 G1 = [-1, -2, 6, -2,-1] /8

Filter	Lifting coefficients	
	FORWARD DIRECTION	REVERSE DIRECTION
5×3 filter	p = (-1, -1)/2 u = (1, 1)/4	p = (-1, -1)/2 u = (1, 1)/4

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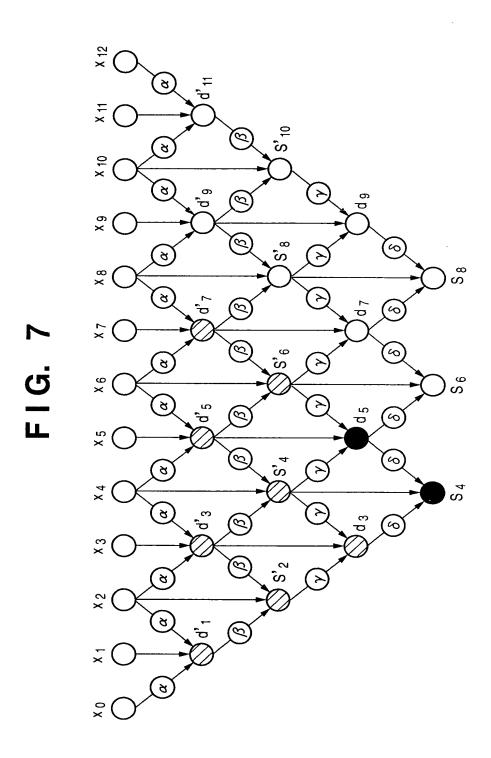
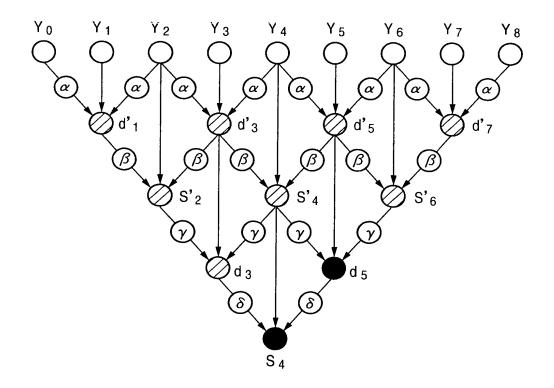
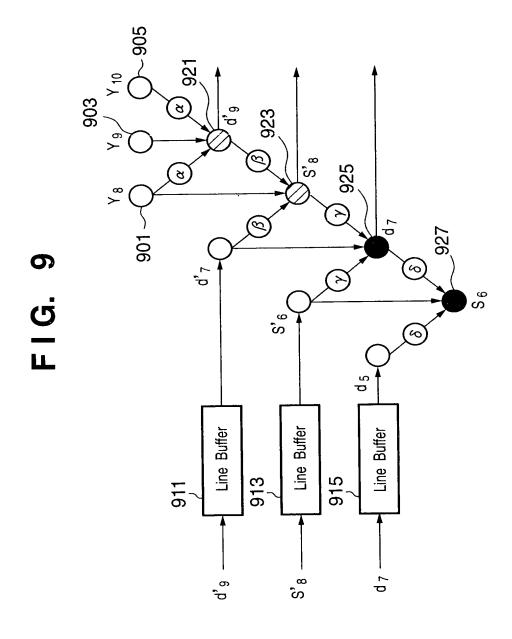


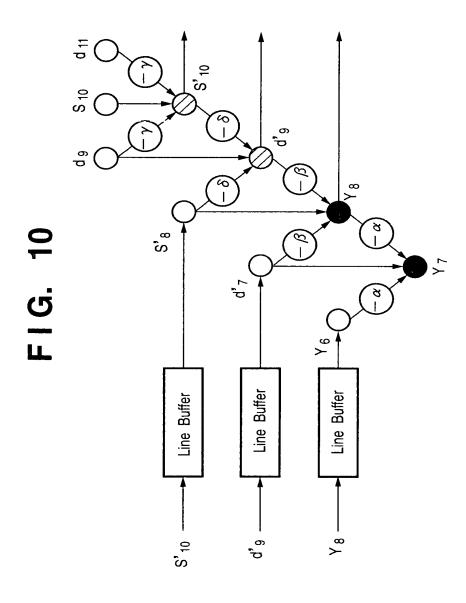
FIG. 8



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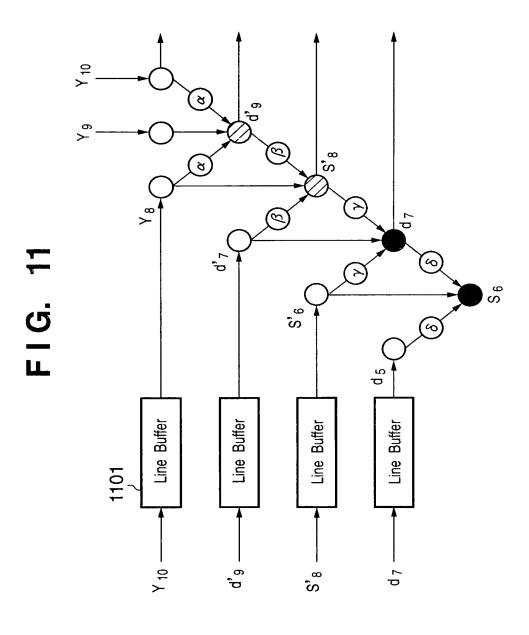
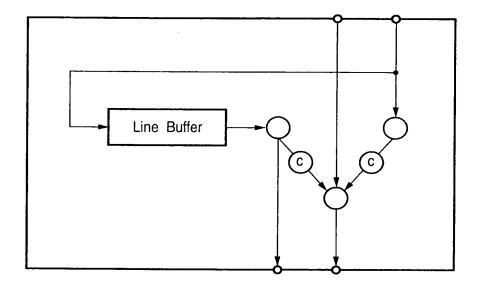
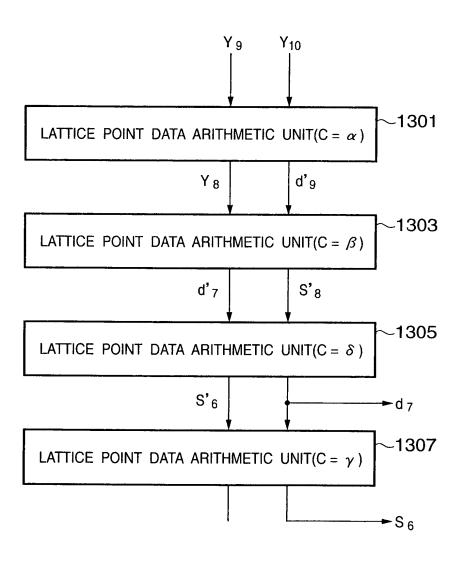


FIG. 12





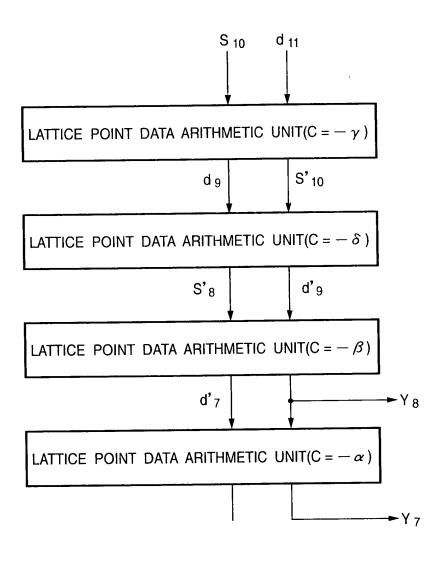


FIG. 15

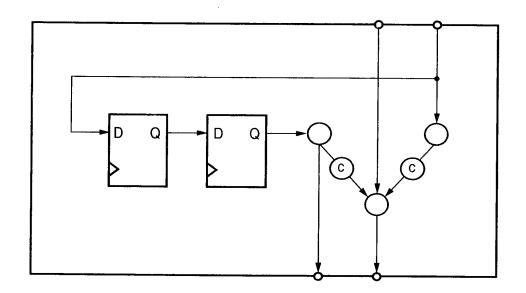


FIG. 16

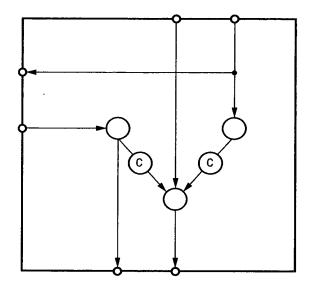


FIG. 17

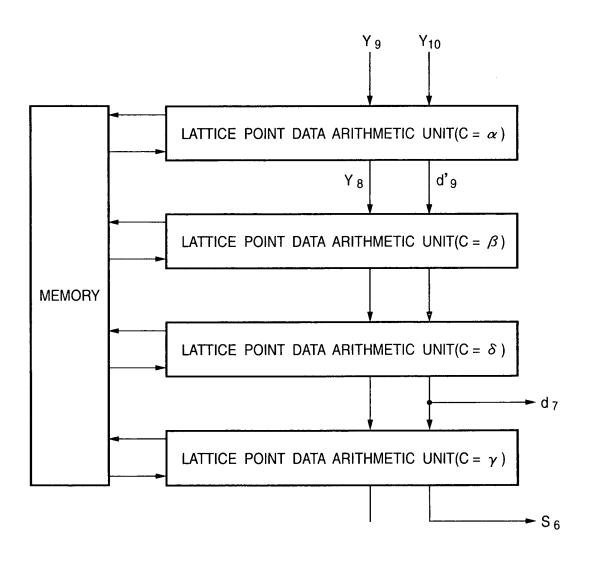


FIG. 18

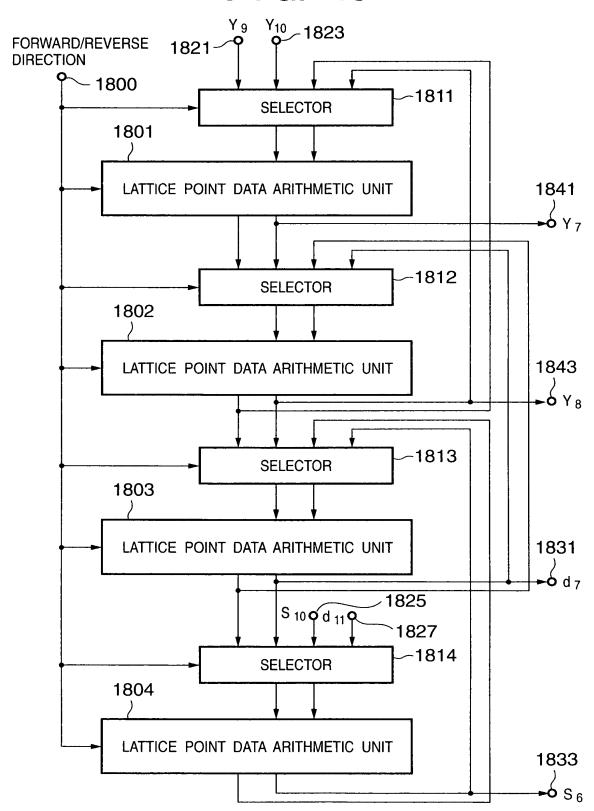


FIG. 19

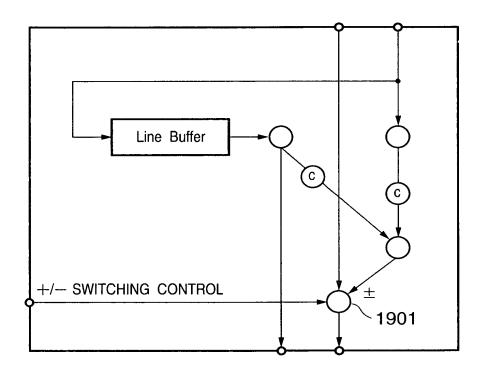


FIG. 20A

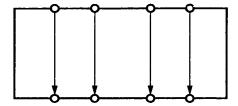
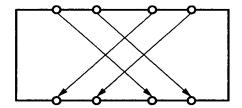
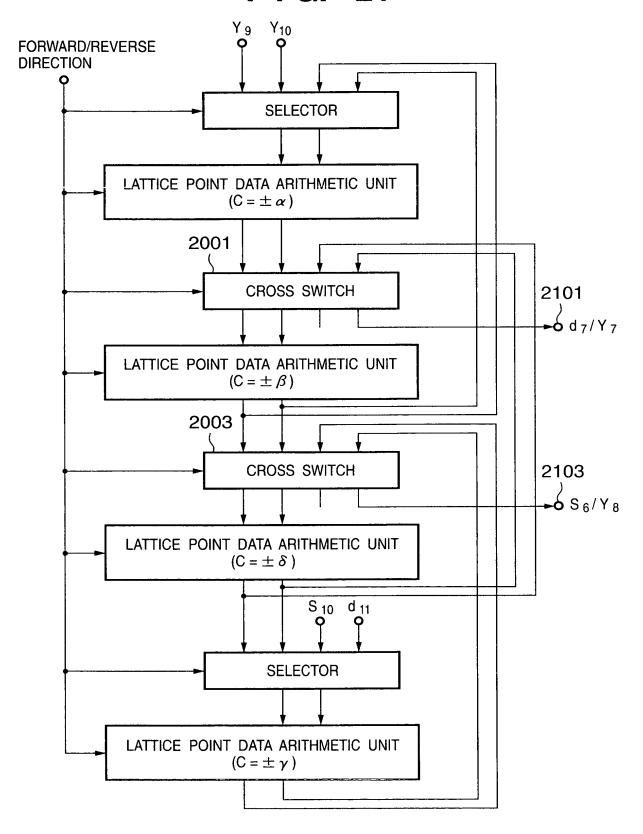


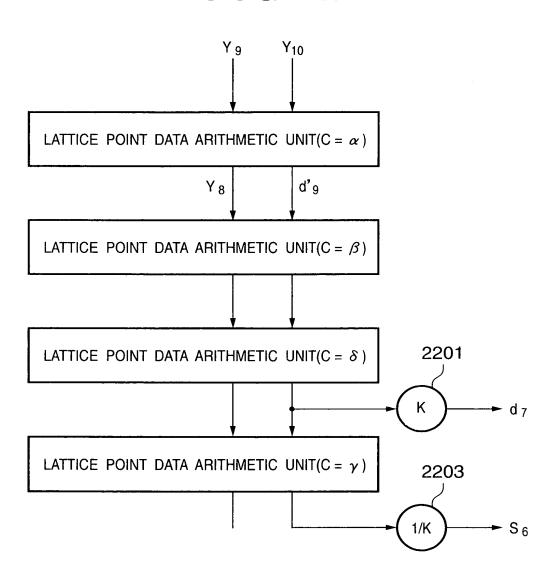
FIG. 20B

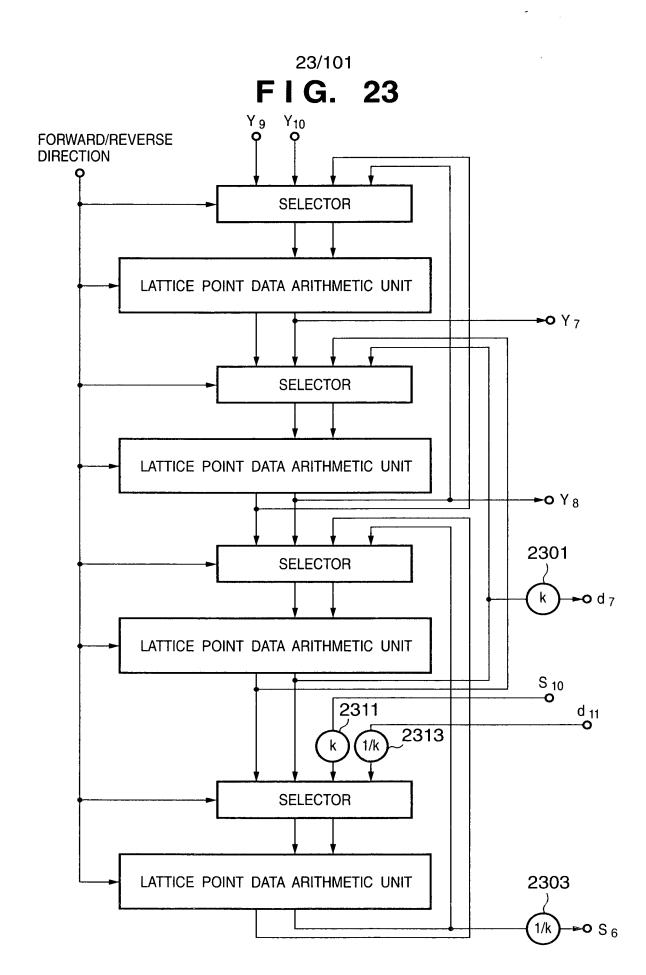


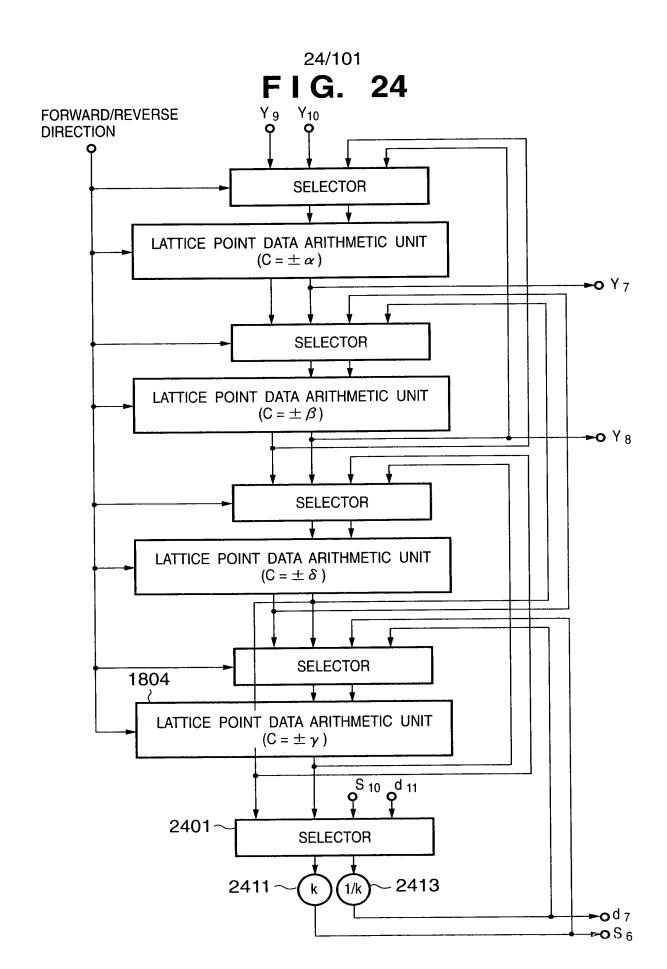
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FIG. 21



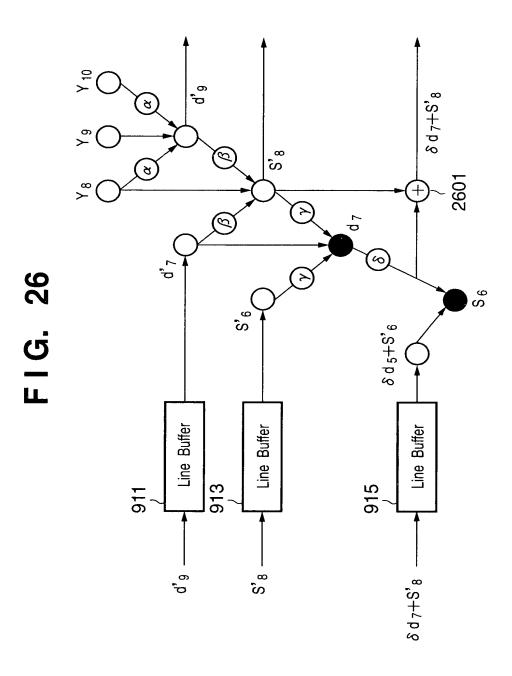






ُص ص , α 8 d 7 FIG. 25 S, 6 δd5, Line Buffer Line Buffer Line Buffer 913 915 8d7. S, 8

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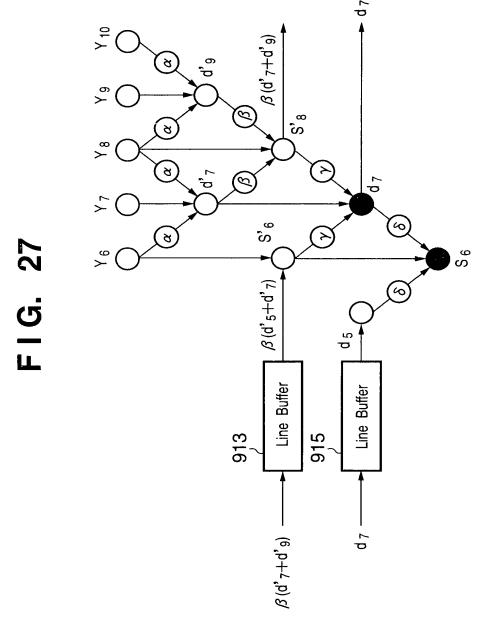


FIG. 28

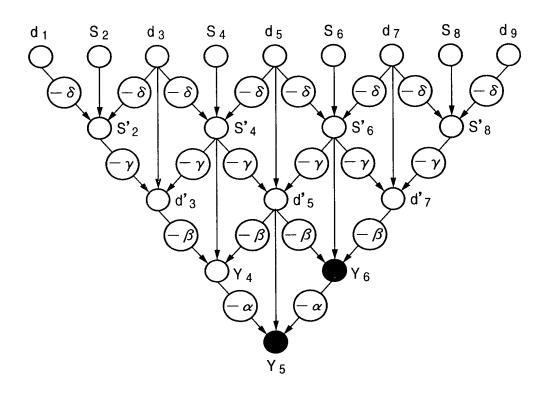
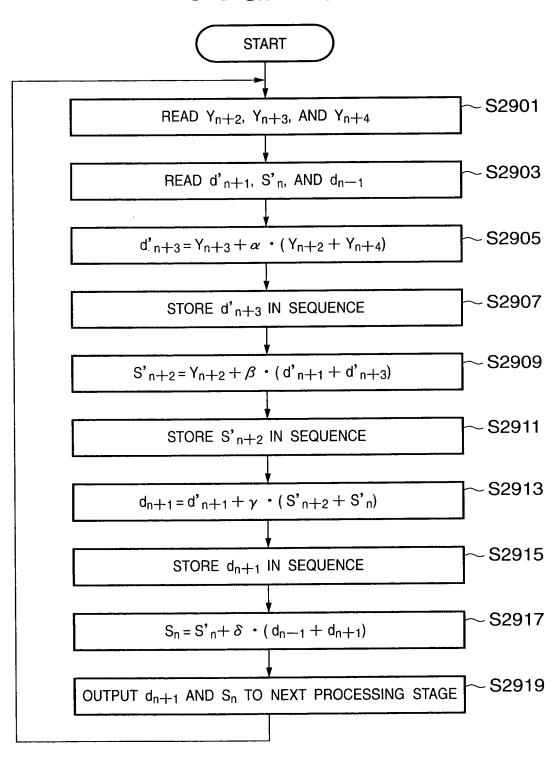


FIG. 29



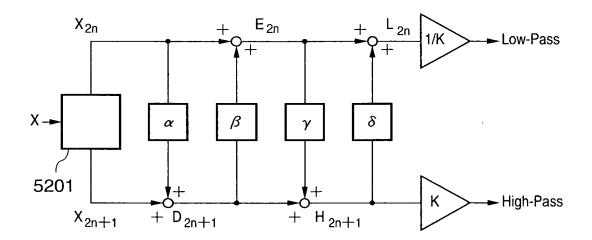
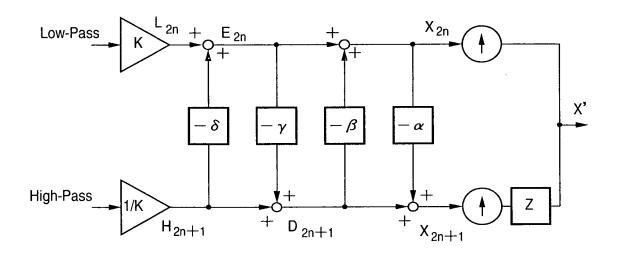
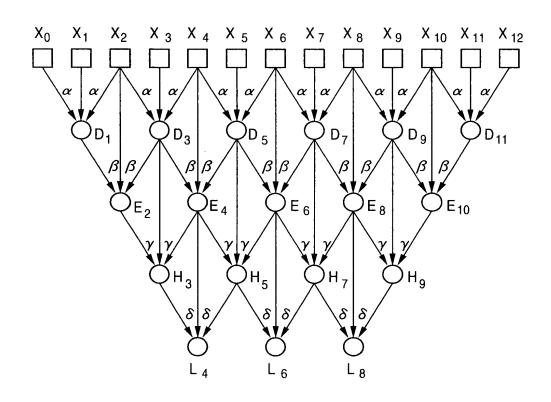
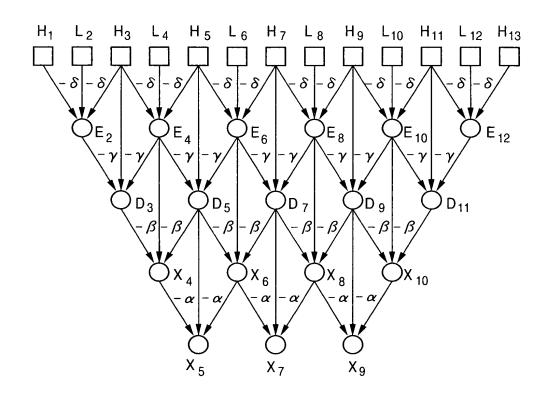


FIG. 31







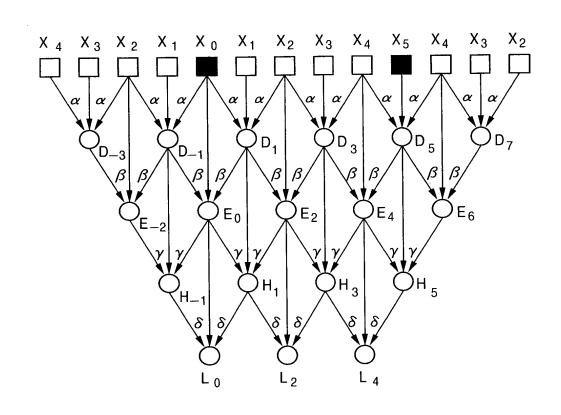


FIG. 35

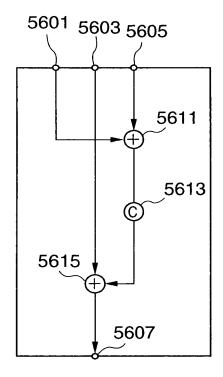


FIG. 36

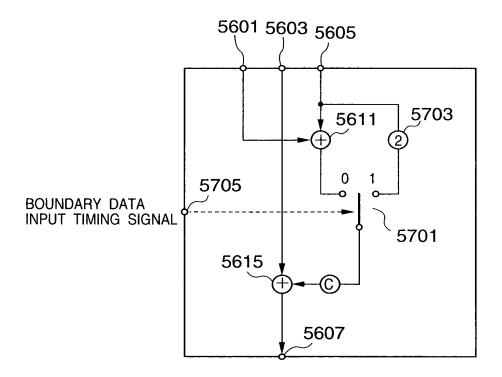


FIG. 37

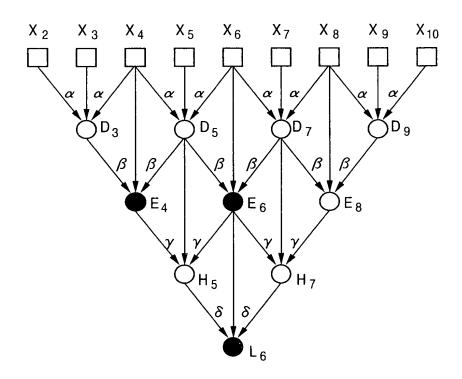


FIG. 38

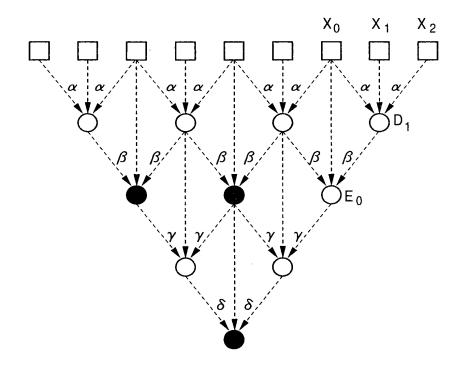
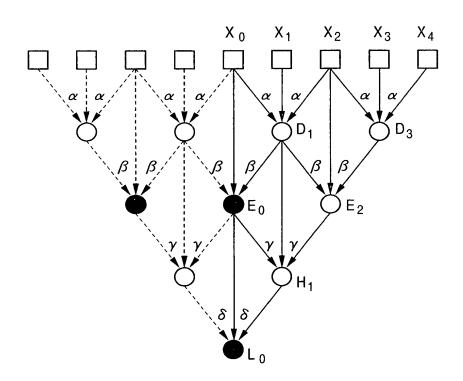
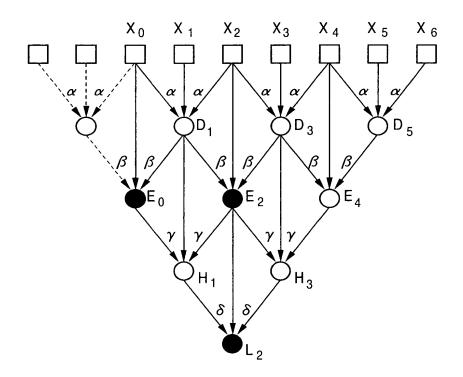


FIG. 39





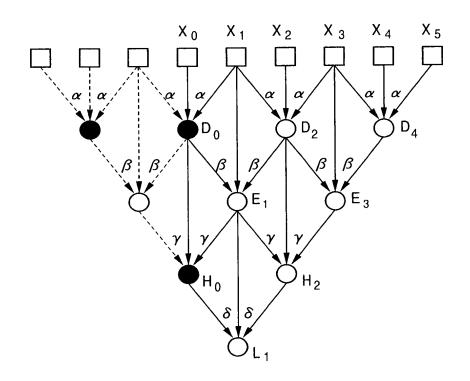


FIG. 42

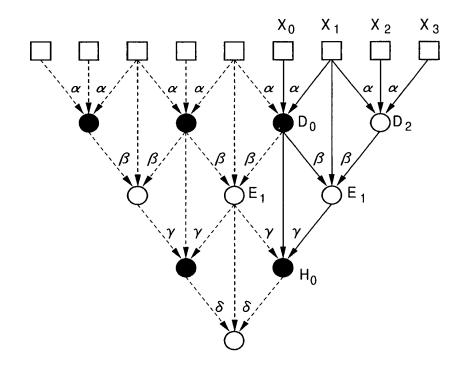


FIG. 43

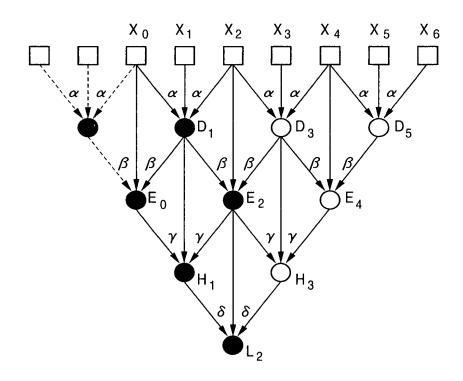


FIG. 44

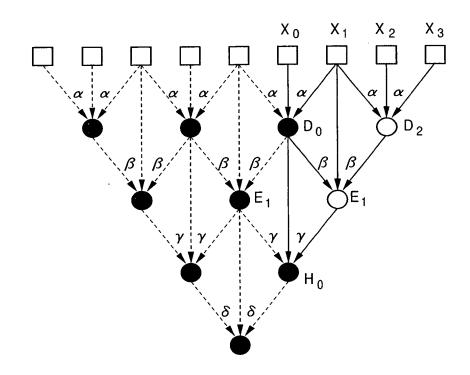


FIG. 45

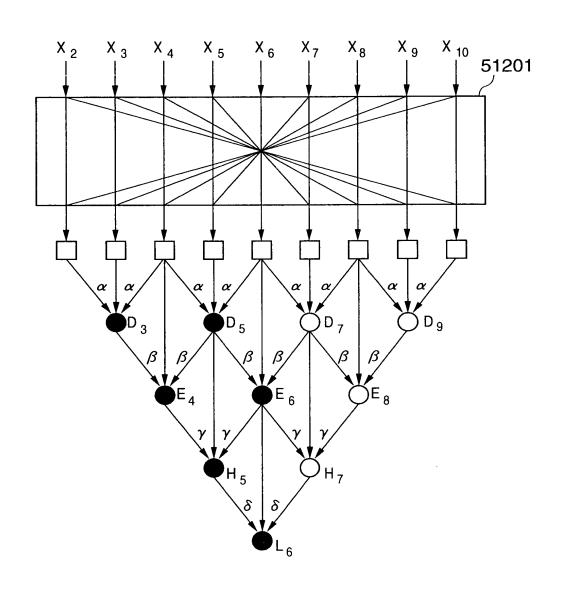


FIG. 46

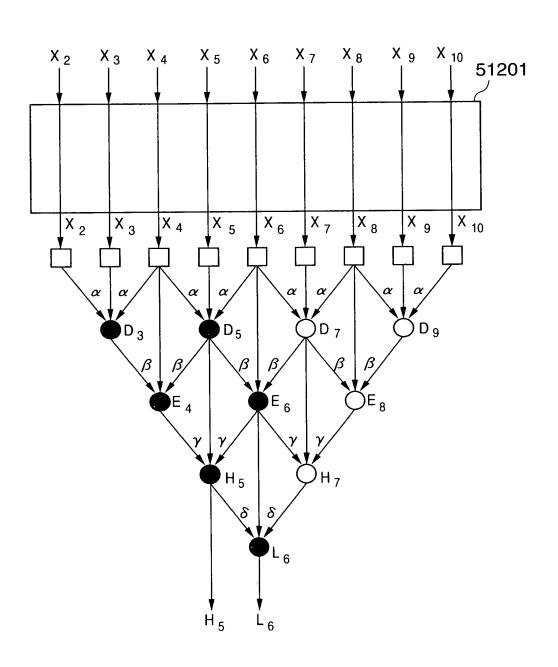
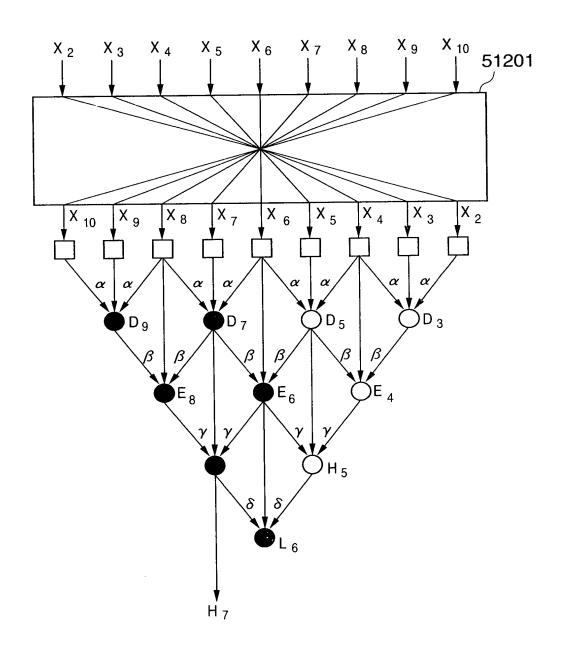


FIG. 47



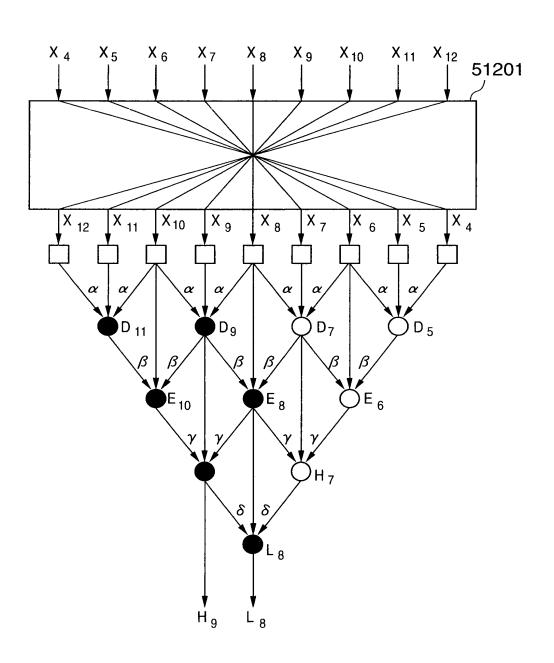


FIG. 49

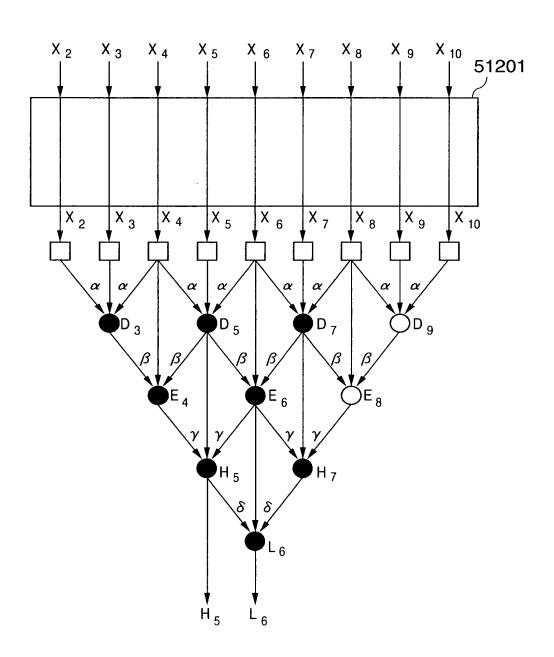
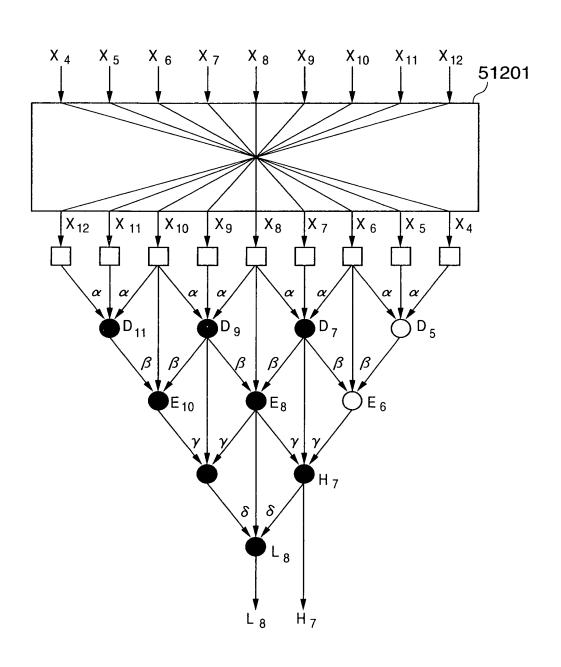


FIG. 50



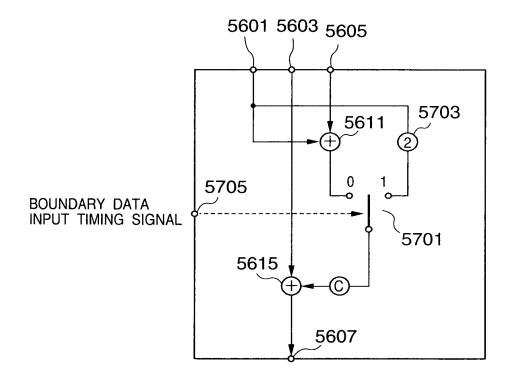
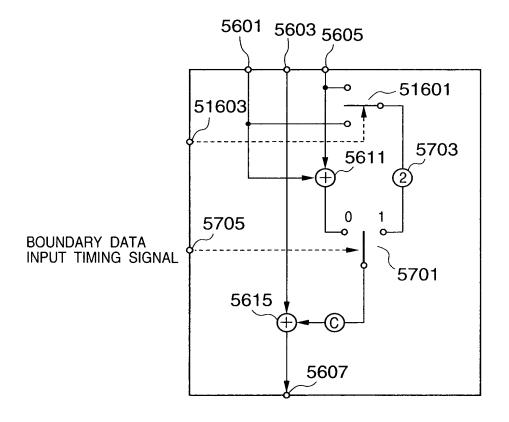
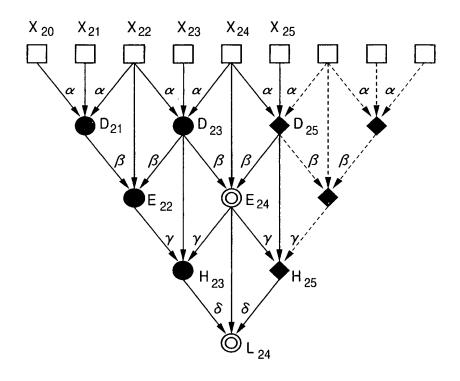


FIG. 52





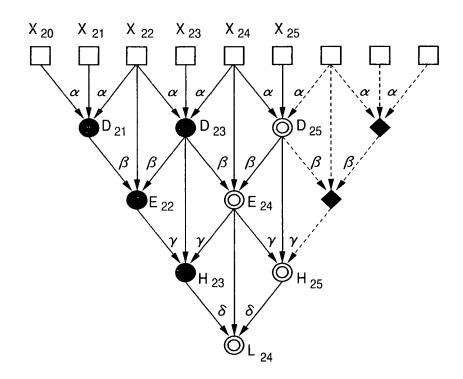


FIG. 55

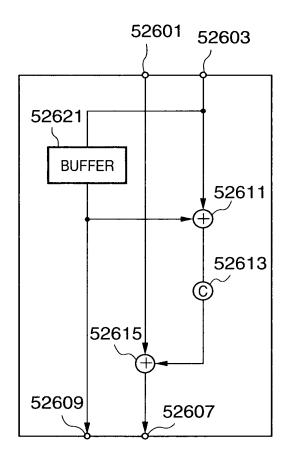


FIG. 56

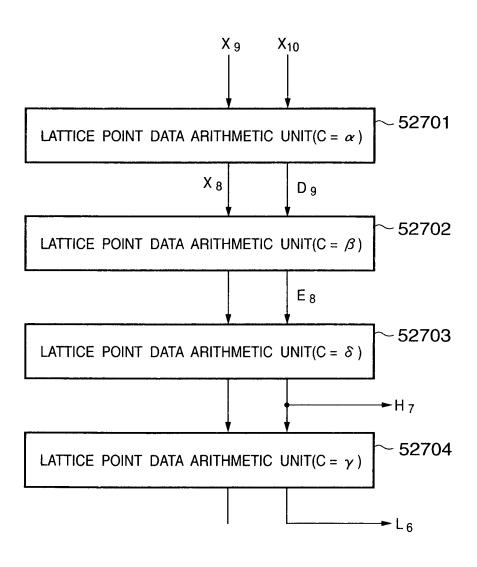


FIG. 57

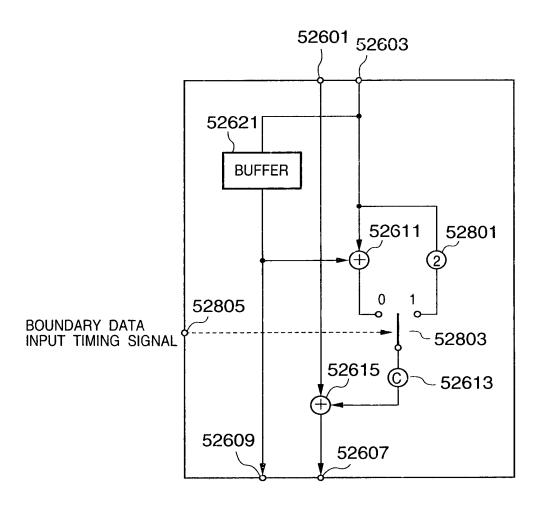
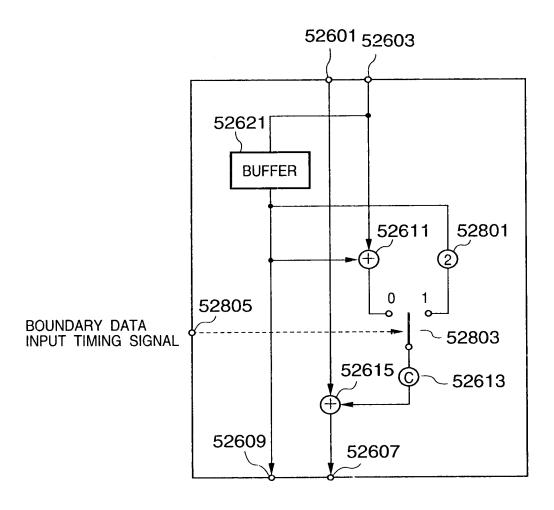


FIG. 58



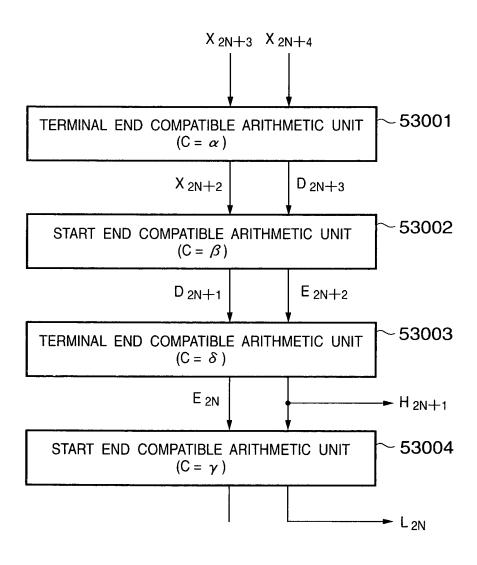


FIG. 60

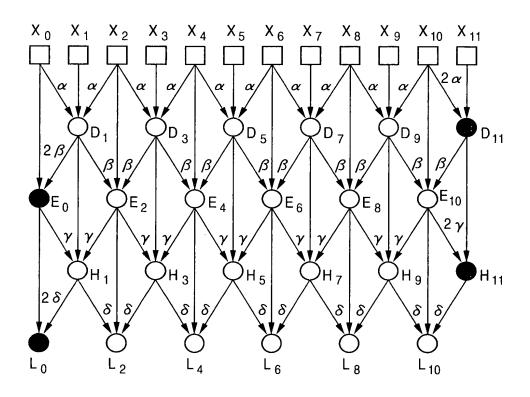


FIG. 61

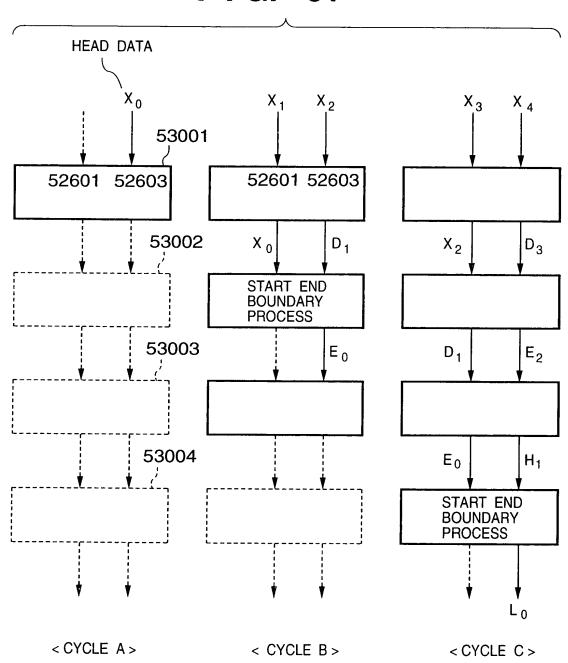
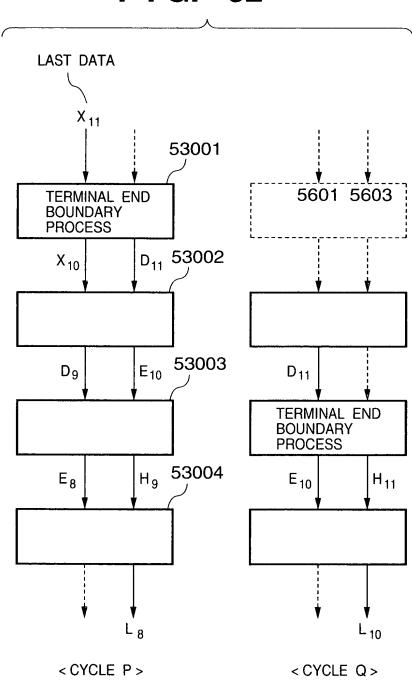
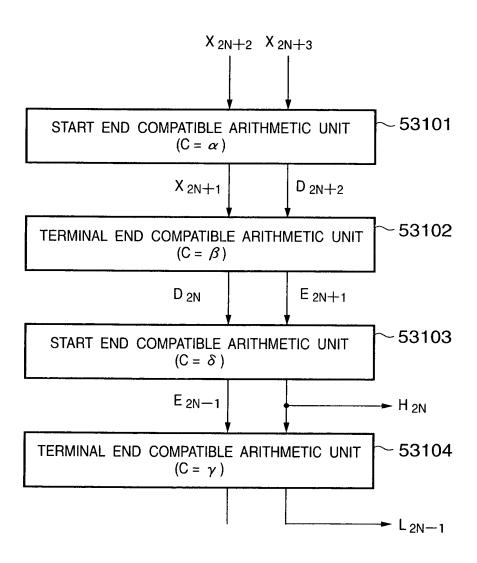


FIG. 62





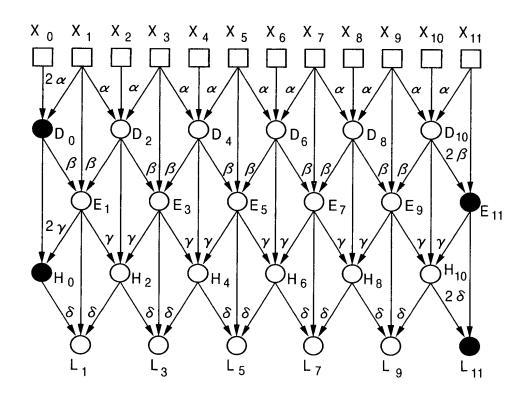


FIG. 65

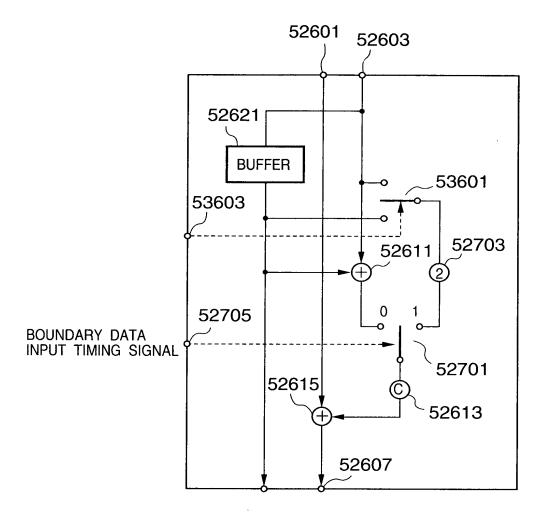
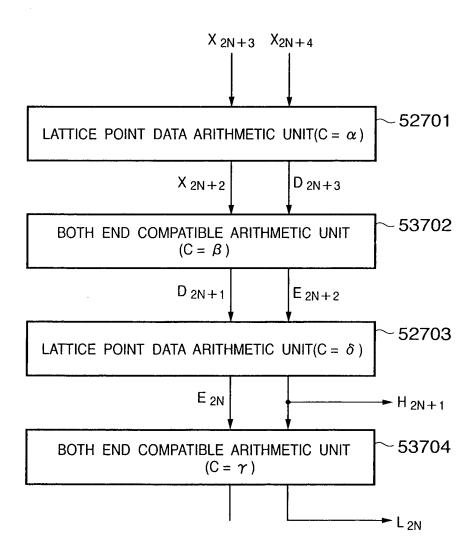
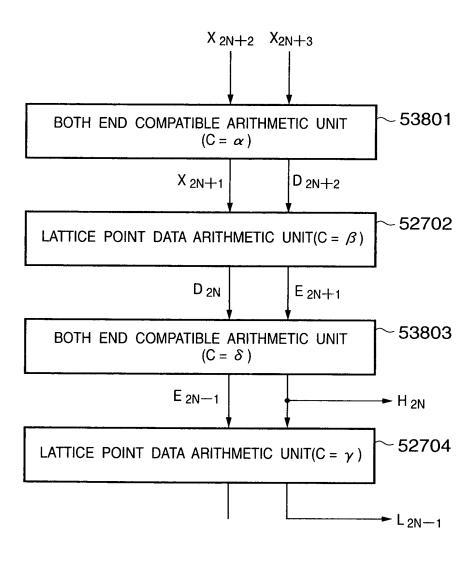


FIG. 66





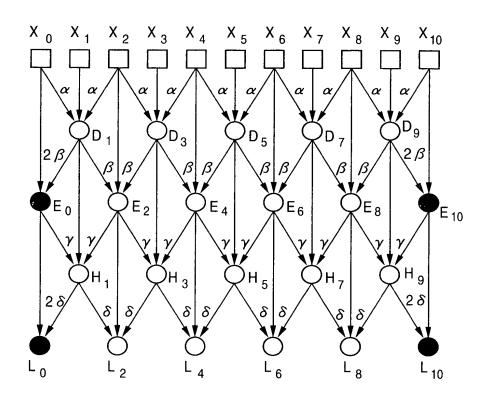
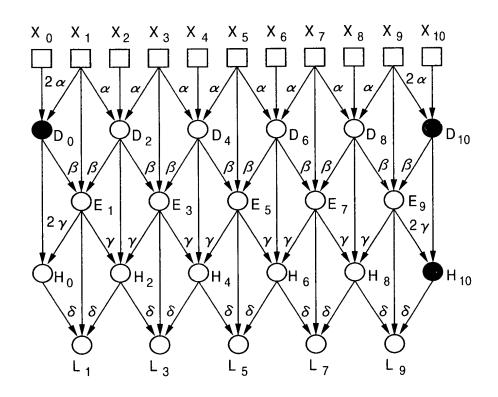
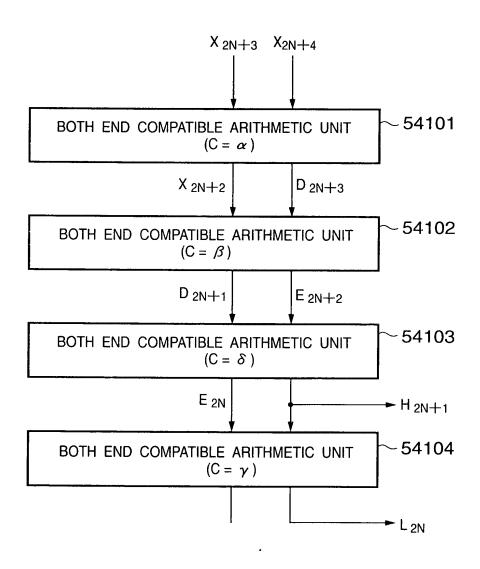
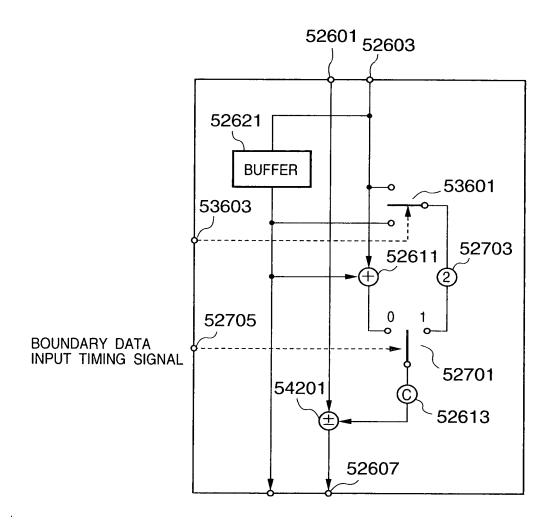


FIG. 69







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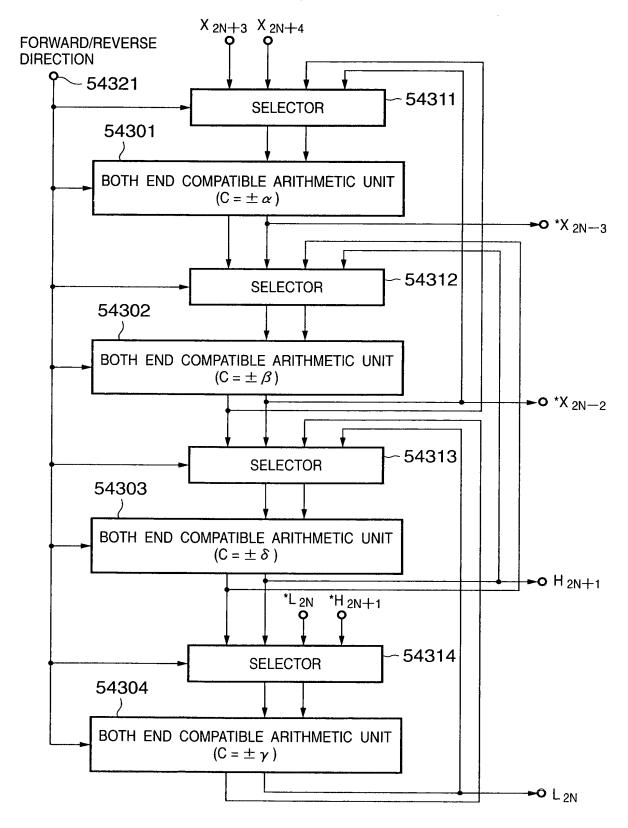
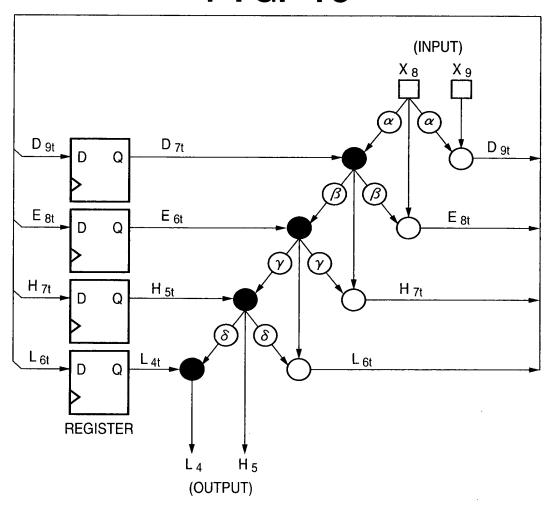


FIG. 73



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FIG. 74

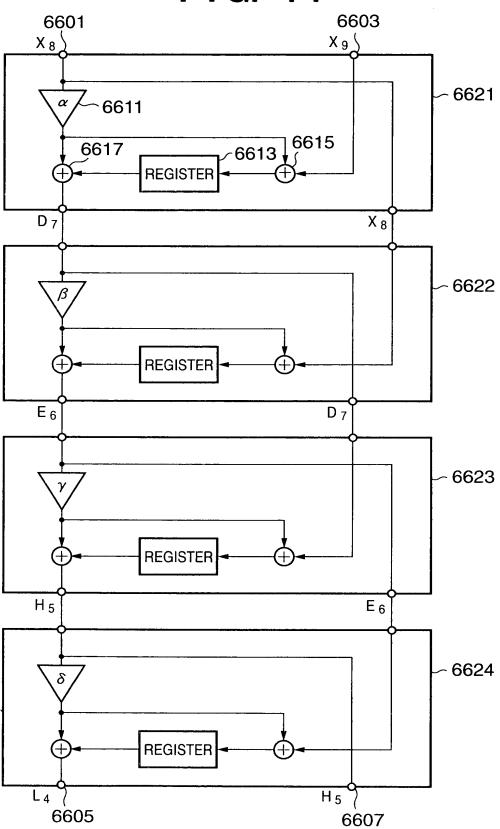
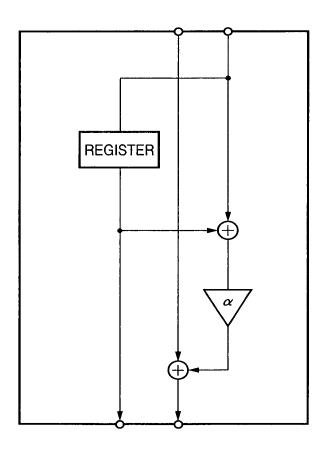
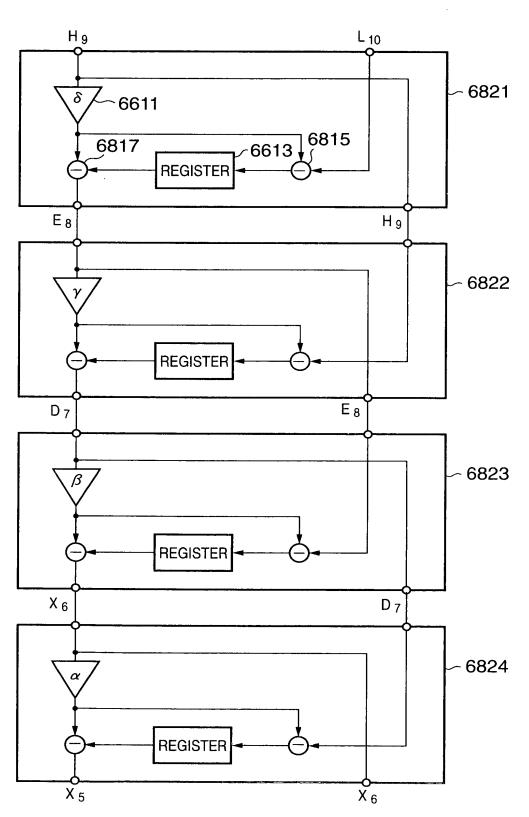


FIG. 75



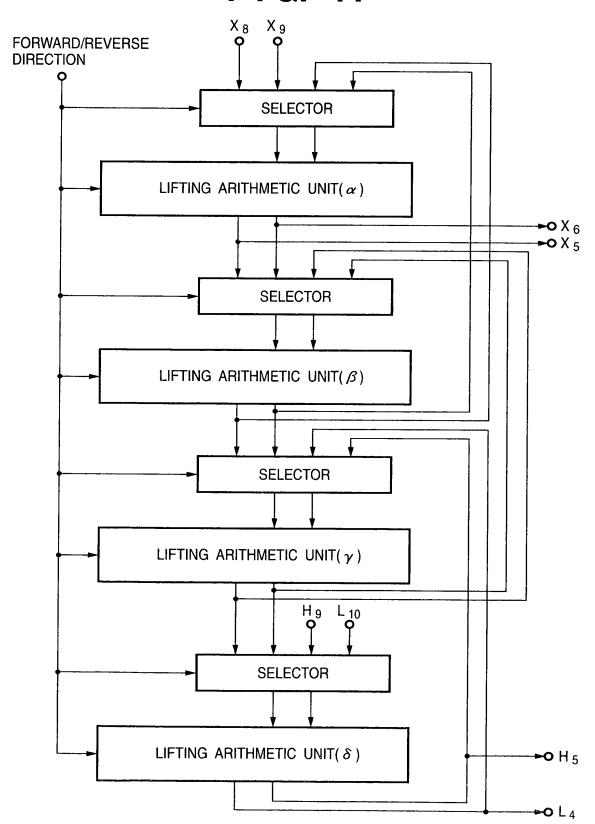
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FIG. 76



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## FIG. 77



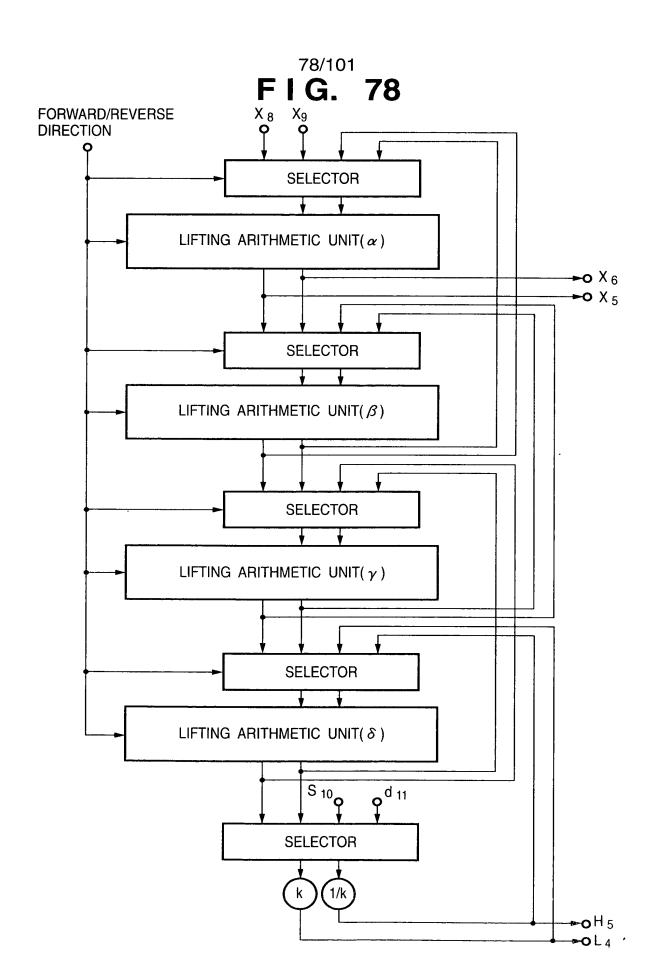


FIG. 79

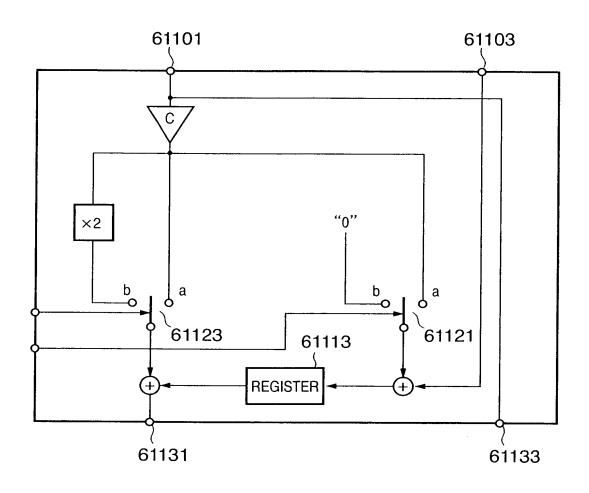


FIG. 80

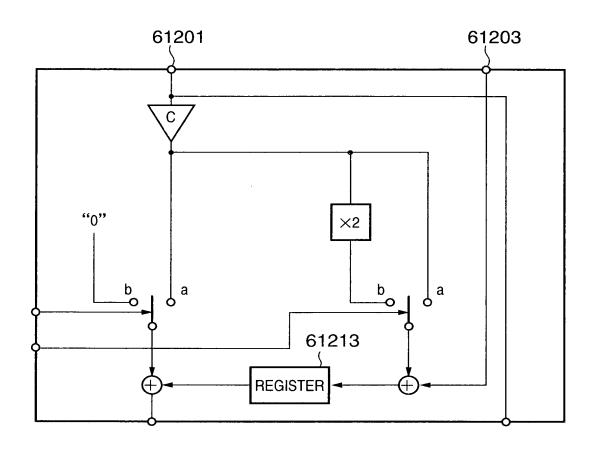
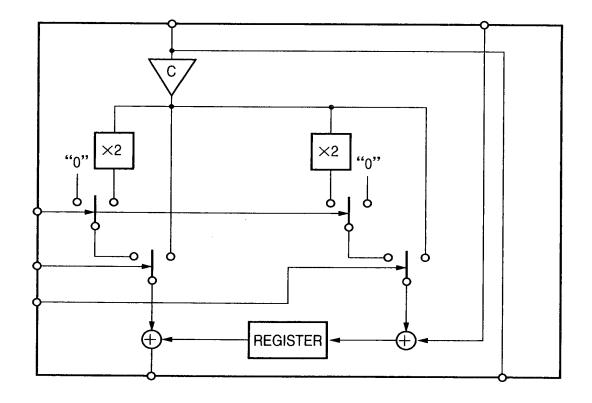
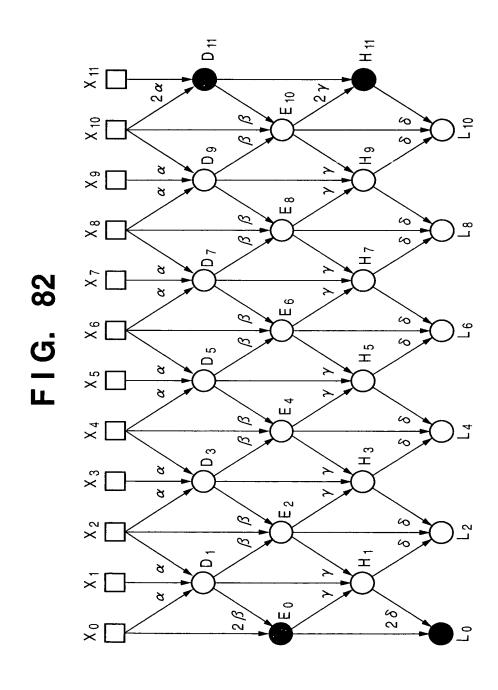


FIG. 81



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D<sub>8</sub> B<sub>10</sub> E<sub>11</sub> E<sub>11</sub> H<sub>10</sub> E<sub>11</sub>

E 7

m T 9 **H** 

 $^4$ 

ů H 40

L

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FIG. 83

× [

× [

X 7

X 6

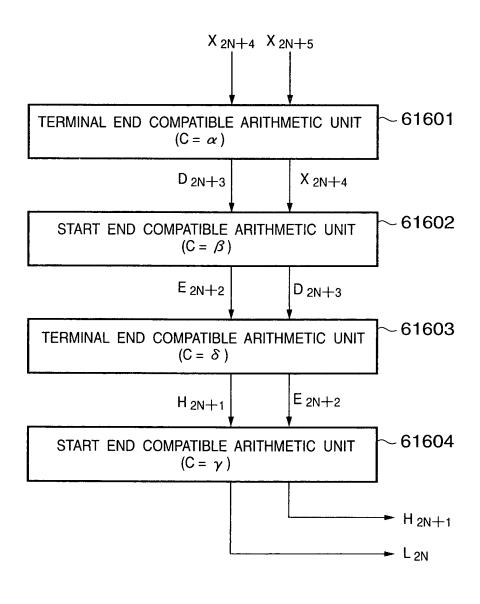
×

×2

× [

°[

# FIG. 84



### FIG. 85

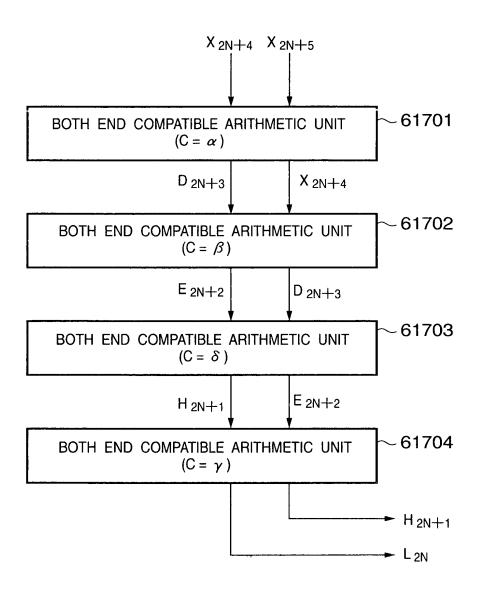


FIG. 86

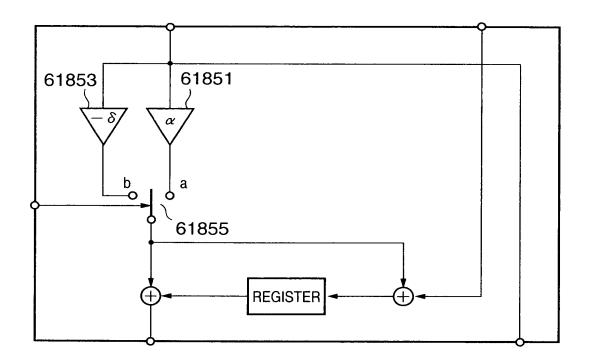


FIG. 87

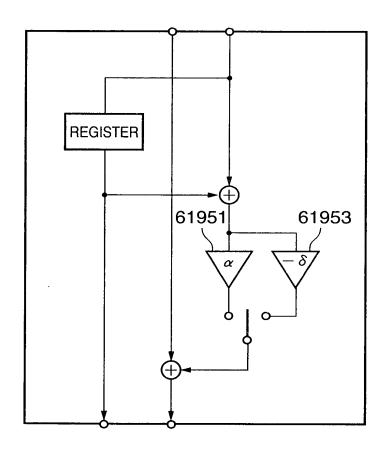


FIG. 88

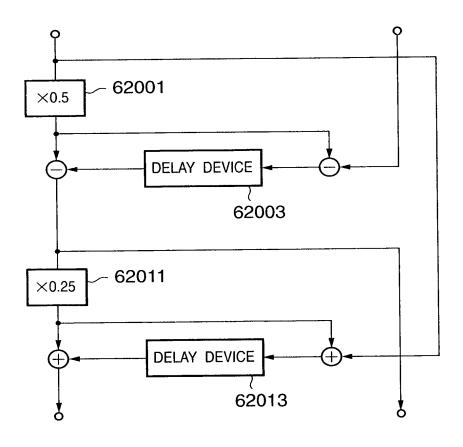


FIG. 89

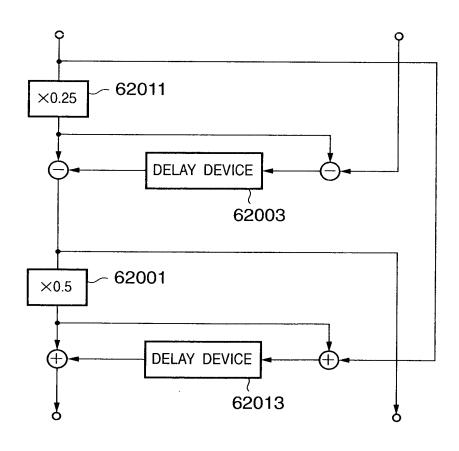


FIG. 90

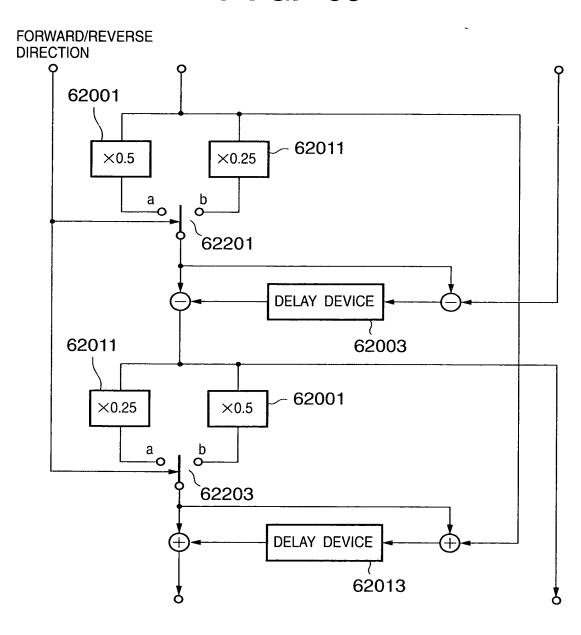


FIG. 91

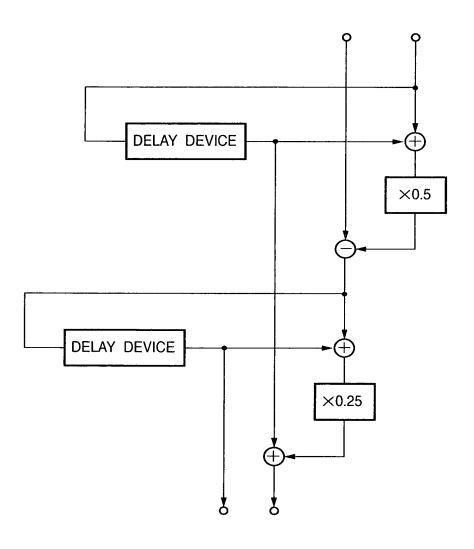


FIG. 92

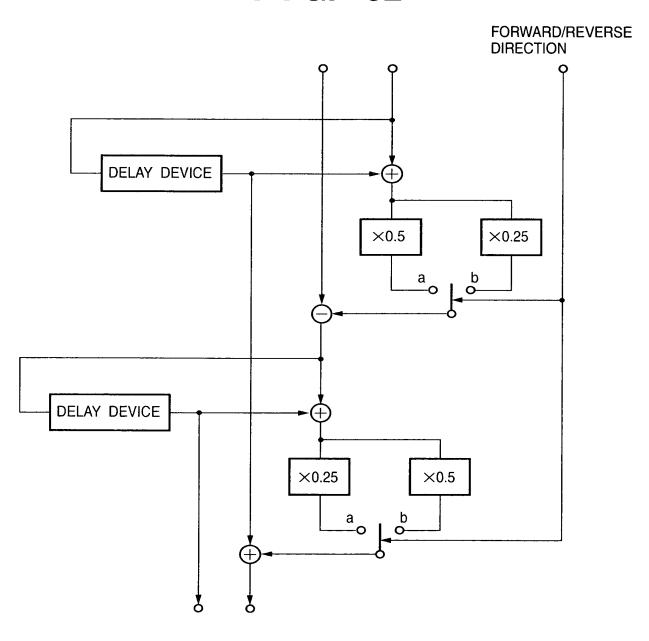


FIG. 93

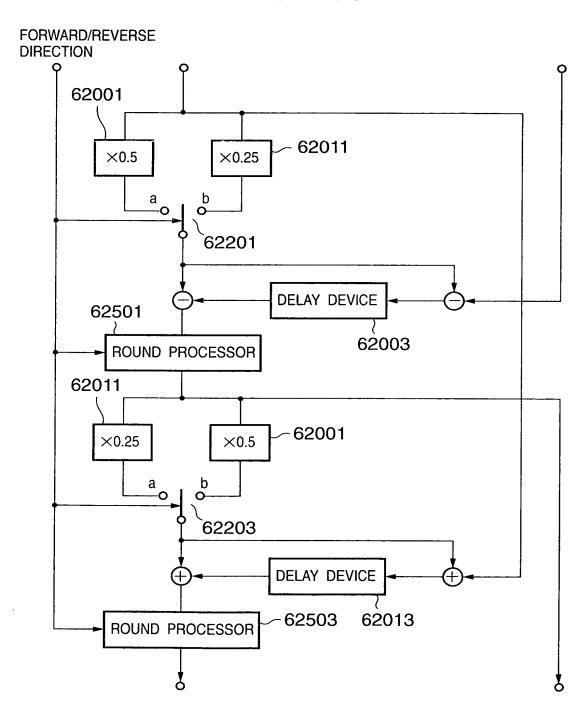


FIG. 94

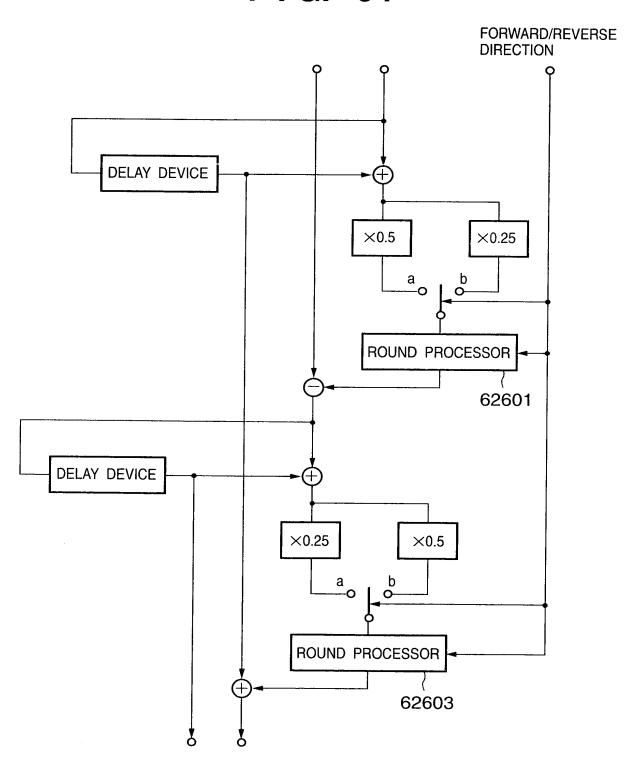


FIG. 95

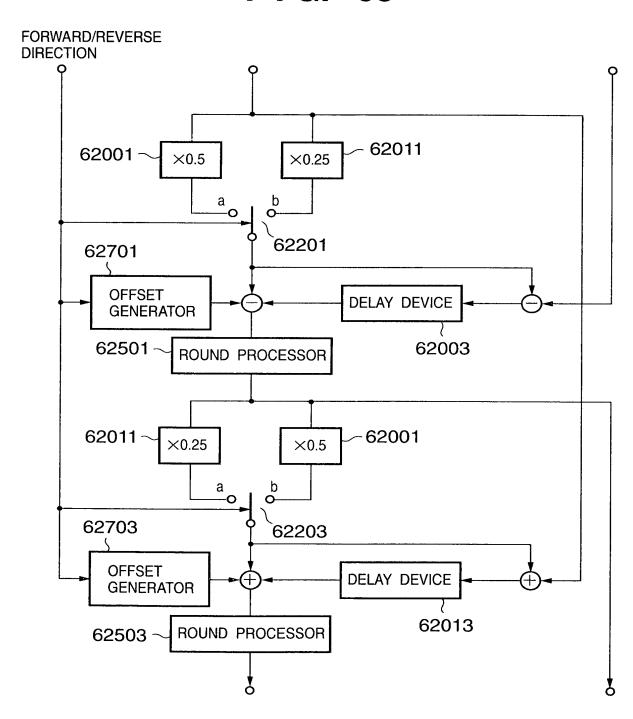


FIG. 96

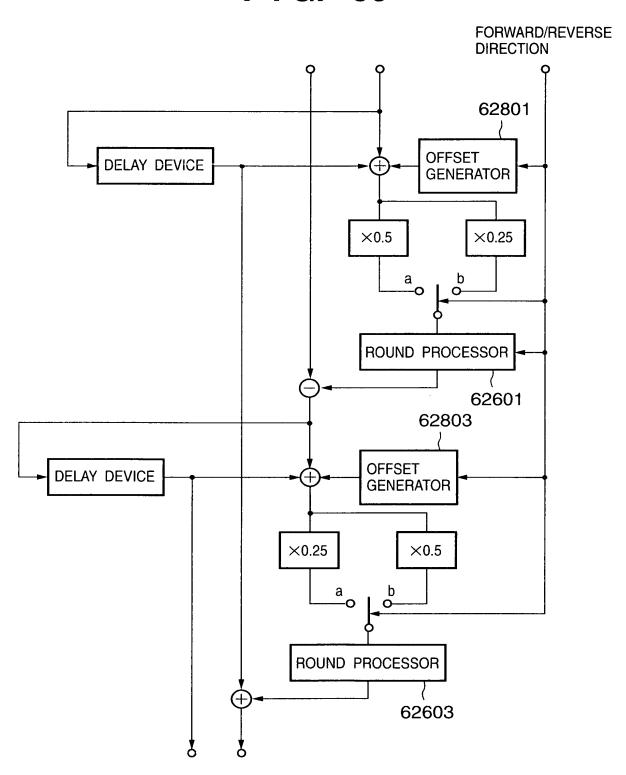


FIG. 97

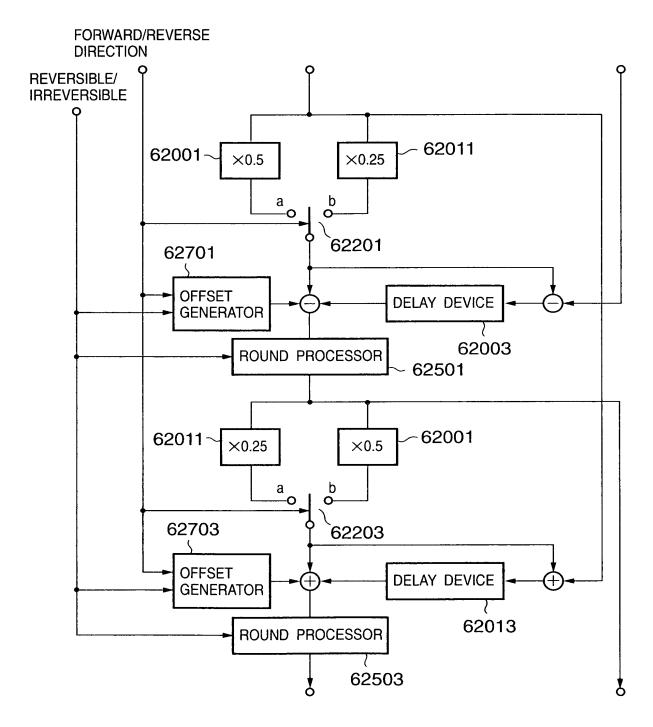


FIG. 98

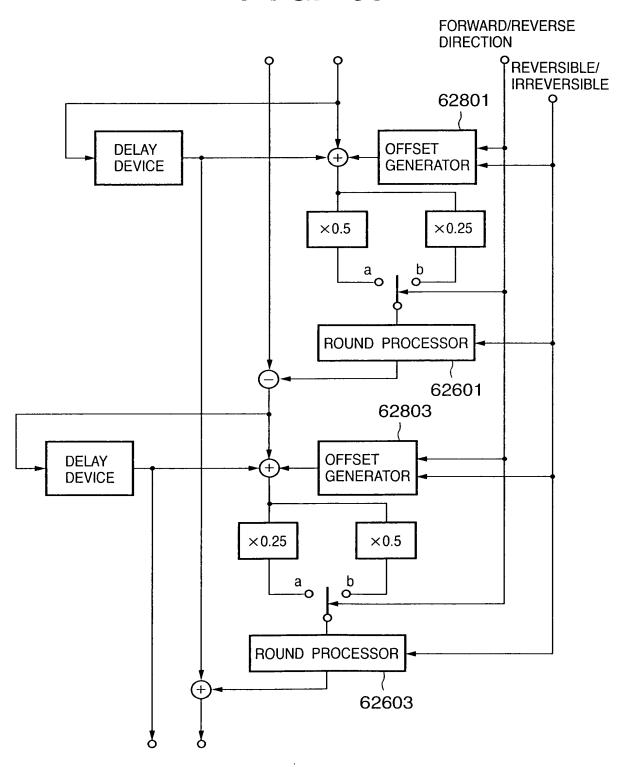


FIG. 99

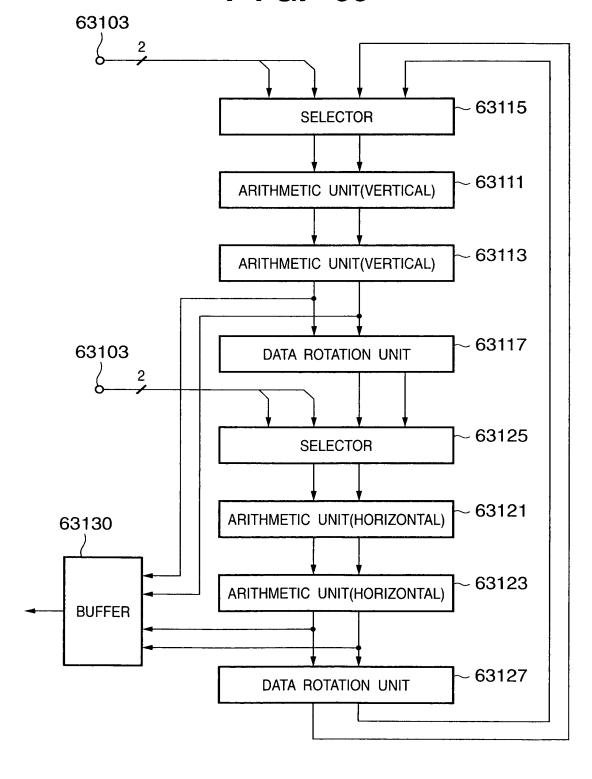


FIG. 100

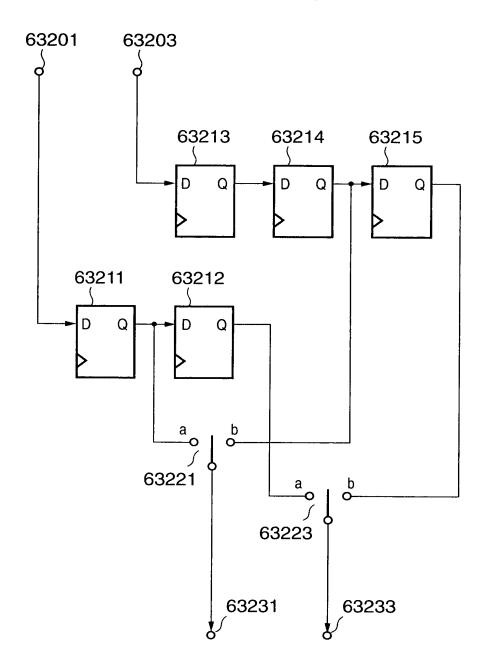


FIG. 101

